



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	Not assigned yet	
			Filing Date	On even date herewith	
			First Named Inventor	K. KAKI, et al.	
			Art Unit	Not assigned yet	
			Examiner Name	Not assigned yet	
Sheet	1	of	3	Attorney Docket Number	566.32253CC8

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
MI		4,803,554		02/1989	Pape	
MI		5,222,046		06/1993	Kreifels	
MI		5,386,539		01/1995	Nishi	
MI		5,437,020		07/1995	Wells et al.	
MI		5,544,356		08/1996	Robinson et al.	
MI		4,899,272		02/1990	Fung et al.	
MI		4,924,375		05/1990	Fung et al.	
MI		5,268,870		12/1993	Harari	
MI		5,341,489		08/1994	Helberger	
MI		5,053,990		10/1991	Kreifels et al.	
MI		5,263,003		11/1993	Cowles et al.	
MI		5,295,255		03/1994	Malecek et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				
MI		JP 62-36799	02/1987			
MI		DE 3200872	07/1983			
MI		JP 1-235075	09/1989			
MI		GB 2251323	07/1992			
MI		WO 92-18928	10/1992			

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s). <small>publisher, city and/or country where published</small>	T ²
MI		Hitachi IC Memory Data Book, Mar. 1989, pp. 65-72 & 746-751	
MI		Eli Harari "Semiconductor Device employing flash EEPROM, optimization to be used for an external storage device for small-sized personal computer" Nikkei Electronics, Nikkei BP Inc. 1992, Feb. 17, No. 547, pp. 155-168	
MI		Eli Harari "Semiconductor disk device using a flash EEPROM, optimizing for the external storage of small sized PC" Nikkei Electronics, Japan, Nikkei BP Feb. 17, 1992, No. 547, pp. 155-168	
MI		Yoshi TOKUSHIGE et al., "Future vision of N and type EEPROM, enlarging the capacity by twice in a year and producing an exclusive device with 64M in 1994" Nikkei Electronics, Nikkei BP Inc. 1992, Feb. 17, No. 547, pp. 169-186	

Examiner Signature	Midys Inoa	Date Considered	3/20/05.
-----------------------	------------	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard SL3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete If Known			
		Application Number	Not assigned yet		
		Filing Date	On even date herewith		
		First Named Inventor	T. KOBAYASHI, et al.		
		Art Unit	Not assigned yet		
		Examiner Name	Not assigned yet		
Sheet	2	of	3	Attorney Docket Number	500.38759CC8

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
MI		5,287,218		11/1993	Elbert	
MI		5,245,572		09/1993	Kosonocky	
MI		5,280,447		01/1994	Hazen et al.	
MI		6,145,050		11/1900	Kaki et al.	
MI		5,065,364		11/1991	Atwood et al.	
MI		5,043,940		08/1991	Harari	
MI		4,563,752		01/1986	Pelgrom et al.	
MI		5,297,148		03/1994	Harari et al.	
MI		5,359,569		10/1994	Fulita et al.	
MI		5,341,339		08/1994	Wells	
MI		5,418,752		05/1995	Harari et al.	
MI		5,530,828		06/1996	Kaki et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials'	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
MI		JP 2-292798	12/4/90			
MI		JP 2-62687	3/02/90			
MI		JP 5-27924	2/05/93			
MI		JP 2-304614	12/18/90			
MI		JP 2-149165	12/19/90			
MI		JP 4-57295	2/25/92			
MI		JP 3-252993	11/12/91			
MI		JP 4-33029	2/04/92			

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
MI		Eli Harari "Semiconductor Device employing flash EEPROM, optimization to be used for an external storage device for small-sized personal computer" Nikkel Electronics, Nikkel BP Inc. 1992, Feb. 17, No. 547, pp. 155-168	

Examiner Signature	<i>Midys Inoa</i>	Date Considered	3/20/05
-----------------------	-------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	Not assigned yet	
			Filing Date	On even date herewith	
			First Named Inventor	T. KOBAYASHI, et al.	
			Art Unit	Not assigned yet	
			Examiner Name	Not assigned yet	
Sheet	3	of	3	Attorney Docket Number	500.38759CC8

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
ME		5,663,901		09/1997	Wallace et al.	
ME		5,689,676		11/1997	Hirose et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
ME		JP 5-204561		08/1993			
ME		JP 5-241741		09/1993			
ME		JP 5-027924		02/1993			
ME		JP 5-028039		02/1993			

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature	<i>Midys Enoa</i>	Date Considered	3/20/05
-----------------------	-------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S13). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.